

CLAIMS

1. (Amended) A recording system in which an image
supply device and a recording apparatus directly
5 communicate each other, and data is supplied from said
image supply device to said recording apparatus to
attain a recording process, characterized in that
said image supply device comprises:
an interface adapted to connect with a storage
10 medium which stores image data and a first recording
condition associated with a recording process of the
image data;
acquisition means for acquiring information
associated with a function of said recording apparatus
15 by communicating with said recording apparatus;
setting means for setting a second recording
condition associated with the recording process of the
image data on the basis of the information associated
with the function, which is acquired by said
20 acquisition means; and
recording instruction means for issuing a
recording instruction to said recording apparatus on
the basis of the first and second recording conditions,
and
25 said recording apparatus comprises:
recording control means for controlling to
acquire image data stored in said storage medium in

accordance with the recording conditions designated by said recording instruction means and to recording the image data.

5 2. The system according to claim 1, characterized in that said image supply device further comprises selection means for selecting one of the first and second recording conditions to be preferentially used to issue a recording instruction to said recording
10 apparatus.

3. The system according to claim 1, characterized in that said image supply device further comprises:

15 comparison means for comparing the first and second recording conditions; and

20 recording condition selection means for, when it is determined as a result of comparison by said comparison means that the first and second recording conditions are different from each other, selecting one of the first and second recording conditions.

4. The system according to claim 1, characterized in that said image supply device further comprises:

25 comparison means for comparing the first and second recording conditions; and

warning display means for, when it is determined as a result of comparison by said comparison means that

the first and second recording conditions are different from each other, displaying a warning.

5. The system according to claim 1, characterized in
5 that the first recording condition is designated by a DPOF.

6. The system according to claim 5, characterized in
that said image supply device comprises input means for
10 inputting the first recording condition, and means for
generating the DPOF on the basis of information input
by said input means.

7. The system according to claim 1, characterized in
15 that said recording instruction means generates a
command sequence for the second recording condition,
which includes image data selected by the first
recording condition in the second recording condition.

20 8. The system according to claim 1, characterized in
that the second recording condition is a recording
condition based on a common protocol between said image
supply device and said recording apparatus.

25 9. (Amended) An image supply device characterized by
comprising:

an interface adapted to connect with a storage medium for storing image data and a first recording condition associated with a recording process of the image data;

5 acquisition means for acquiring information associated with a function of a recording apparatus by communicating with the recording apparatus;

 setting means for setting a second recording condition associated with the recording process of the
10 image data on the basis of the information associated with the function, which is acquired by said acquisition means; and

 recording instruction means for issuing a recording instruction to the recording apparatus on the
15 basis of the first and second recording conditions.

10. The device according to claim 9, characterized by further comprising selection means for selecting one of the first and second recording conditions to be
20 preferentially used to issue a recording instruction to said recording apparatus.

11. The device according to claim 9, characterized by further comprising comparison means for comparing the
25 first and second recording conditions, and recording condition selection means for, when it is determined as a result of comparison by said comparison means that

the first and second recording conditions are different from each other, selecting one of the first and second recording conditions.

5 12. The device according to claim 9, characterized by further comprising comparison means for comparing the first and second recording conditions, and warning display means for, when it is determined as a result of comparison by said comparison means that the first and
10 second recording conditions are different from each other, displaying a warning.

13. The device according to claim 9, characterized in that the first recording condition is designated by a
15 DPOF.

14. The device according to claim 13, characterized by further comprising input means for inputting the first recording condition, and means for generating the DPOF
20 on the basis of information input by said input means.

15. The device according to claim 9, characterized in that said recording instruction means generates a command sequence for the second recording condition,
25 which includes image data selected by the first recording condition in the second recording condition.

16. The device according to claim 9, characterized in that the second recording condition is a recording condition based on a common protocol between said image supply device and the recording apparatus.

5

17. (Amended) A recording control method for recording by directly communicating an image supply device and a recording apparatus, and supplying data from the image supply device to the recording apparatus, characterized
10 by comprising:

a storage step of storing image data and a first recording condition associated with a recording process of the image data in a storage medium;

an acquisition step of acquiring information
15 associated with a function of the recording apparatus by communicating with the recording apparatus;

a setting step of setting a second recording condition associated with the recording process of the image data on the basis of the information associated
20 with the function, which is acquired in the acquisition step;

a recording instruction step of issuing a recording instruction to the recording apparatus on the basis of the first recording condition stored in the
25 storage medium in the storage step, and the second recording condition; and

a recording control step of controlling to
acquire image data stored in the storage medium in
accordance with the recording conditions designated in
the recording instruction step and to recording the
5 image data.

18. The method according to claim 17, characterized by
further comprising a selection step of selecting one of
the first and second recording conditions to be
10 preferentially used to issue a recording instruction to
the recording apparatus.

19. The method according to claim 17, characterized by
further comprising a comparison step of comparing the
15 first and second recording conditions; and a recording
condition selection step of selecting, when it is
determined as a result of comparison in the comparison
step that the first and second recording conditions are
different from each other, one of the first and second
20 recording conditions.

20. The method according to claim 17, characterized by
further comprising a comparison step of comparing the
first and second recording conditions, and a warning
25 display step of displaying, when it is determined as a
result of comparison in the comparison step that the

first and second recording conditions are different from each other, a warning.

21. The method according to claim 17, characterized in
5 that the first recording condition is designated by a DPOF.

22. The method according to claim 21, characterized by
further comprising an input step of inputting the first
10 recording condition, and a step of generating the DPOF
on the basis of information input in the input step.

23. The method according to claim 17, characterized in
that the recording instruction step includes a step of
15 generating a command sequence for the second recording
condition, which includes image data selected by the
first recording condition in the second recording
condition.

20 24. The method according to claim 17, characterized in
that the second recording condition is a recording
condition based on a common protocol between the image
supply device and the recording apparatus.

25 25. (New) An image supply device comprising:
an interface adapted to connect with a storage
medium which stores image data and a first recording

condition associated with a recording process of the image data;

acquisition means for acquiring information associated with a function of a recording apparatus by communicating with the recording apparatus;

setting means for setting a second recording condition associated with the recording process of the image data on the basis of the information associated with the function, which is acquired by said acquisition means; and

transmission means for transmitting the second recording condition including information for designating the first recording condition to the recording apparatus.

26. (New) The device according to claim 25, wherein the information for designating the first recording condition designates a DPOF file.

27. (New) A recording apparatus comprising:

transmission means for transmitting information relating to the functions of the recording apparatus to an image supply device; and

reception means for receiving information to designate a first recording condition in which the image supply device has, wherein the information is designated by a second recording condition in

accordance with the information relating to the
functions of the recording apparatus,

wherein the information to designate the first
recording condition is described as image data to be
5 recorded in the second recording condition.

28. (New) The apparatus according to claim 27,
wherein the first recording condition is a DPOF file.

10 29. (New) A control method of an image supply device
comprising:

a reading step of reading image data via an
interface from a storage medium which stores the image
data and a first recording condition associated with a
15 recording process of the image data;

an acquisition step of acquiring information
associated with a function of a recording apparatus by
communicating with the recording apparatus;

a setting step of setting a second recording
20 condition associated with the recording process of the
image data on the basis of the information associated
with the function, which is acquired in said
acquisition step; and

a transmission step of transmitting the second
25 recording condition including information for
designating the first recording condition to the
recording apparatus.

30. ([New]) A control method of a recording apparatus comprising:

5 a transmission step of transmitting information relating to the functions of the recording apparatus to an image supply device; and

a reception step of receiving information to designate a first recording condition in which the image supply device has, wherein the information is
10 designated by a second recording condition in accordance with the information relating to the functions of the recording apparatus,

wherein the information to designate the first recording condition is described as image data to be
15 recorded in the second recording condition.

31. ([New]) A recording medium being capable of being read by a computer, for storing a program for implementing a recording control method according to
20 claim 17.

32. ([New]) A recording medium being capable of being read by a computer, for storing a program for implementing a control method according to claim 29.
25

IPEA/JP 28.6.2004

33. (New) A recording medium being capable of being read by a computer, for storing a program for implementing a control method according to claim 30.